

SMS Architecture

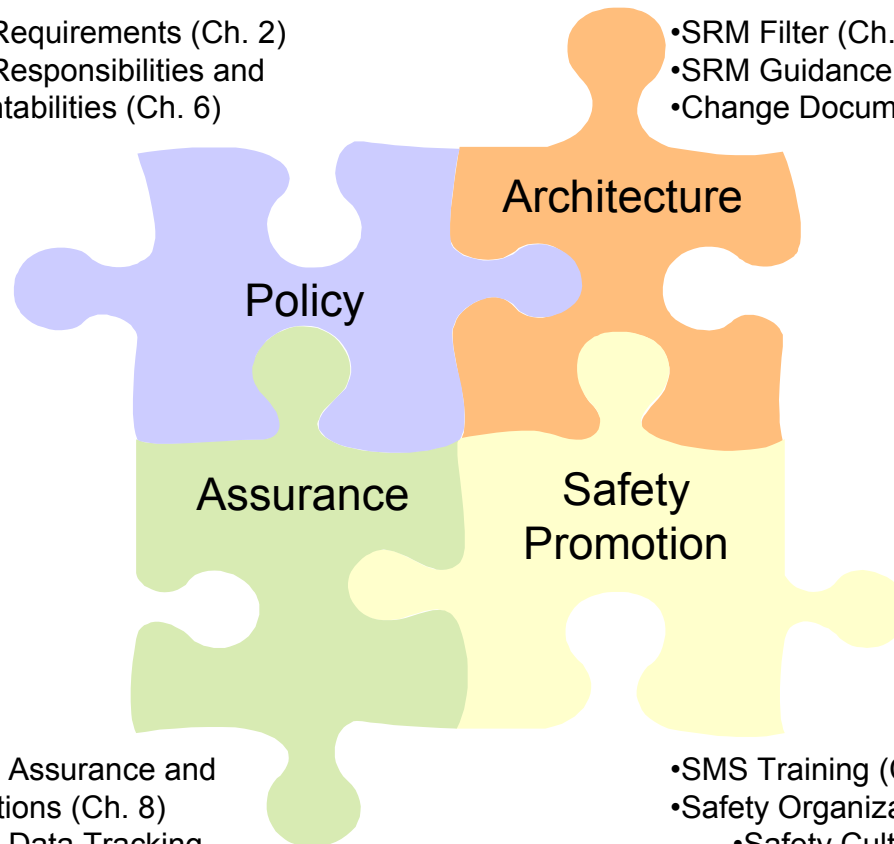
Definitions

- Structure of systems to communicate and describe risk
- Identify, Control, Eliminate and track risks
- Integrates individual processes, creates a roof on top of different systems that already exist
- Systems view (controller and pilot have just as much opportunity to impact solution)

FAA ATO SMS

- SMS Requirements (Ch. 2)
- SMS Responsibilities and Accountabilities (Ch. 6)

- SRM Filter (Ch. 3)
- SRM Guidance (Ch. 4)
- Change Documentation (Ch. 5)



- Safety Assurance and Evaluations (Ch. 8)
- Safety Data Tracking and Analysis (Ch. 9)

- SMS Training (Ch. 7)
- Safety Organization (Ch. 10)
 - Safety Culture
 - Safety Lessons Learned

Challenge in Existing Systems

- Regulators role changing to Auditing function (Perception)
- Reporting systems (Tracking mitigations and/or current system) Feedback to the reporter is critical
- Tailored level of acceptance? Minimum level of acceptance, Target level of safety?
- Approach goal as zero tolerance, each operating area will set goals based on previous operating experience and then move to best case

Real World Application

- It's how you deliver the message, understanding and communication is critical, it feels like extra work but there really is value Why are we doing this?
- Must sell Mgmt on economic model, ROI is critical
- Look for simple easy success stories to assist in selling system, building on success
- ORM lessons learned my apply to SMS; however, using low hanging fruit may give wrong impression as to maturity.

Challenge of Compliance with SMS

- Safety had procedures, quality inspectors (separate group) would oversee
- Integrity of reporting system? Pressure to manage information in the system (no reds?)
- Firewall between what FAA is inspecting and what we (as a company) are doing
Regulator/regulated relationships Part 193 issues need to be studied and decided upon (favorably)
- Fox in the henhouse an issue?

Other Areas

- Legal vs. Safety
- FAA AMS and SMS
- Regulated SMS
- Resources
- Information Sharing